

# Trap Wing Geometry

## Cruise Wing Configuration

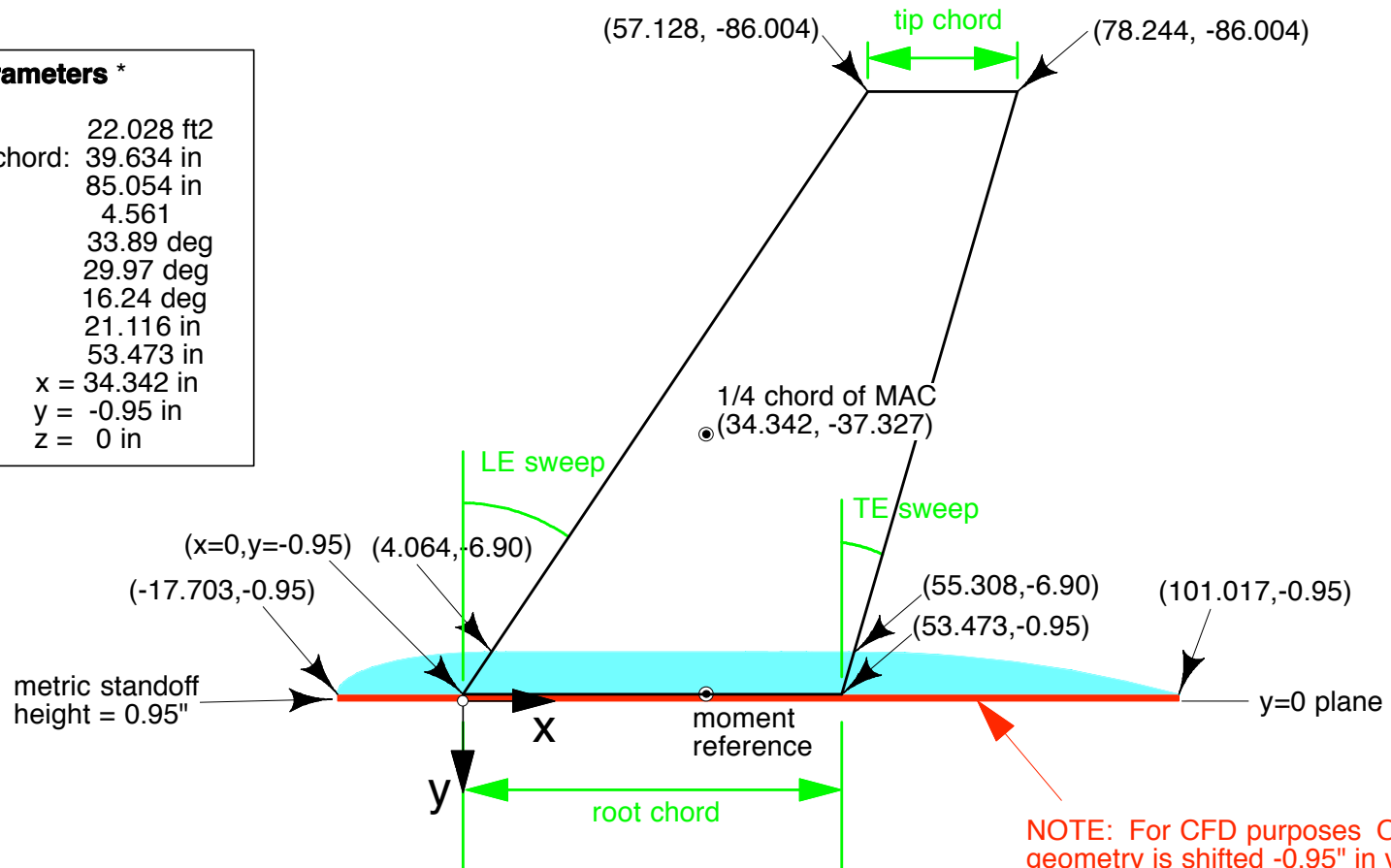
sources: coordinates - drawing AY9119  
standoffs - DEI drawings 1080964, 1080967

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### CFD Reference Parameters \*

Reference area:	22.028 ft <sup>2</sup>
mean aerodynamic chord:	39.634 in
semi-span:	85.054 in
aspect ratio:	4.561
LE sweep:	33.89 deg
1/4 c sweep:	29.97 deg
TE sweep:	16.24 deg
tip cruise chord:	21.116 in
root cruise chord:	53.473 in
moment reference:	x = 34.342 in
	y = -0.95 in
	z = 0 in

\* based on model  
without standoffs



NOTE: For CFD purposes ONLY, the geometry is shifted -0.95" in y to align the base of the metric standoff to the computational symmetry plane (y=0)